

**BX2625**

2011-13 Lincoln MKX (Limited Edition) With Speed Control System Installation Instructions

Please read BOTH these Installation Instructions and the General Instructions before attempting to install or operate this equipment.

Serial Number

1. Blue Ox® towing products and accessories are intended to be installed by Blue Ox® Dealers who are familiar with our products and have the equipment necessary and knowledge to do “fit work”. When necessary Blue Ox® Dealers can be found at www.blueox.com or by contacting our Customer Care Department at (402) 385-3051.
2. Many Blue Ox® baseplates are designed to use existing holes and hardware to mount the baseplate to the towed vehicle. Even though bolts are there, do not assume they are adequate for baseplate mounting. Always use hardware supplied in the hardware kit and existing hardware specified in the Baseplate Installation Instructions.

Attachment Tab Height: 18-1/4”

Attachment Tab Width: 22”

Bolt Torque Specifications

Torque in Foot-Pounds for Metric Bolts

Bolt Size	Grade 8.8	Grade 10.9
6MM	6	8
8MM	16	22
10MM	31	40
12MM	54	70
14MM	89	117

Confirm the towability and pre-towing procedures for your vehicle with the owner's manual or contact the vehicle's manufacturer for specific towing procedures.



If the front of your vehicle looks different than this, call us at (402) 385-3051.

Bolt Torque Specifications

Torque in Foot-Pounds for Inch Bolts

Bolt Size	Grade 5	Grade 8
1/4"	10	14
5/16"	19	29
3/8"	33	47
7/16"	54	78
1/2"	78	119
5/8"	154	230



WARNING

Failure to read and follow these instructions could result in separation of the towed vehicle from the tow bar, causing property damage, loss of towed vehicle, personal injury or death.

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Tools Required

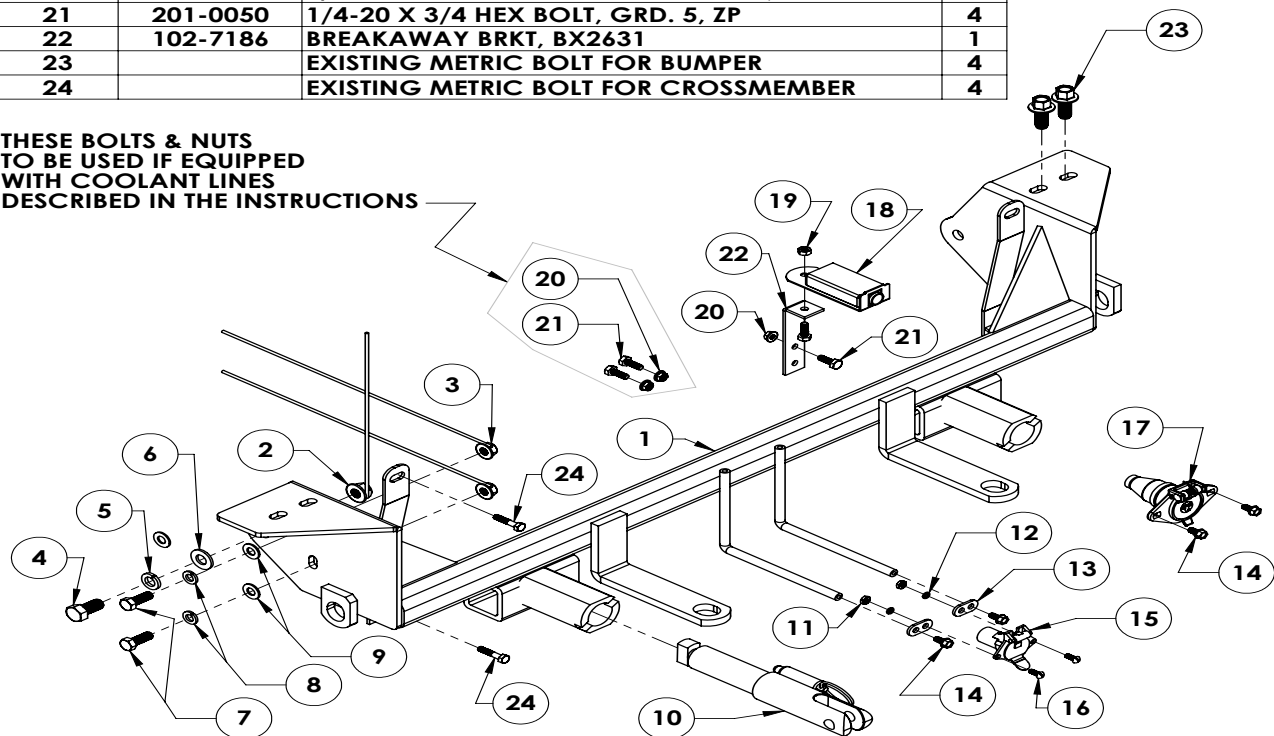
5.5MM Socket	Large Vise Grips	Tape Measure
8MM Socket	Reciprocating Saw	Hack Saw Blade
10MM Socket	Drill	1 1/4" Hole Saw
13MM Socket/Wrench	Phillips Screwdriver	13/32" Drill Bit
9/16" Socket	Utility Knife	1/4" Drill Bit
3/4" Socket/Wrench	Torque Wrench	17/32" Drill Bit
Loctite® RED		

Parts Not Pictured:

Qty.	Part #	Description
2	226-0049	Class IV Safety Cables
4	229-0512	Quicklink, 1/2, ZP
2	290-0437	Cap Plug, Black

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	61-6800	WLDM'T, BP, BX2625	1
2	61-4029	WLDM'T, 1/2-13 WHIZ NUT, W/10" WIRE	2
3	61-4978	WLDM'T, 3/8-16 WHIZ NUT, W/14" WIRE	4
4	201-0060	1/2-13 X 1" BOLT, HEX GRD. 5, ZP	2
5	203-0012	1/2 LOCK WASHER, ZP	2
6	203-0005	1/2 FLAT WASHER, ZP	2
7	201-0443	3/8-16 X 1 HEX BOLT, GR 5, ZP	4
8	203-0010	3/8" LOCK WASHER, ZP	4
9	203-0003	3/8 FLAT WASHER, ZP	4
10	62-3469	ATT TAB ASSY, REM, SF/LB, 1 HOLE	2
11	202-0047	#10-32 HEX NUT	2
12	203-0054	#10 LOCK WASHER	2
13	101-5822	ADAPTER, 4 WAY CONNECTOR	2
14	201-0553	1/4-20 X 1/2 HX.WSHD.TYPE F TCS, ZP	2
15	294-0805	CONNECTOR, 4 PIN, (NOT PROVIDED)	1
16	201-0192	#10-32-1/2" SLOT, ROUND HEAD SCREW	2
17	294-0902	CONNECTOR 6 PIN, BLK PLASTIC (NOT PROVIDED)	1
18	293-1339	SWITCH, BREAKAWAY (2010-S) (NOT PROVIDED)	1
19	202-0102	1/4-20 HEX NYL NUT, ZP	1
20	202-0069	1/4-20 HEX FLANGE WHIZ LOCK NUT, ZP	3
21	201-0050	1/4-20 X 3/4 HEX BOLT, GRD. 5, ZP	4
22	102-7186	BREAKAWAY BRKT, BX2631	1
23		EXISTING METRIC BOLT FOR BUMPER	4
24		EXISTING METRIC BOLT FOR CROSSMEMBER	4

THESE BOLTS & NUTS
TO BE USED IF EQUIPPED
WITH COOLANT LINES
DESCRIBED IN THE INSTRUCTIONS



Important:

Use only genuine factory replacement parts on your baseplate. Do **NOT** substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your baseplate, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5, please reference the parts list above). Replacement parts may be ordered through your nearest Blue Ox® Dealer or Distributor. Failing to follow and/or altering these installation instructions in either installation or required equipment will void the manufacturer's warranty.

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Attachment Tabs: Due to the design of removable tabs, the RangeFinder II, Acclaim and Ambassador tow bars can not be used. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

Installation Notes: The fascia, cruise control box and washer reservoir are removed and reinstalled during installation of the baseplate. The metal bumper is removed but not reinstalled. Drilling is required. Trimming is required.

The dimensional variations between otherwise identical vehicles can be considerable. While the baseplate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufacturer's tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods or bending end plates.

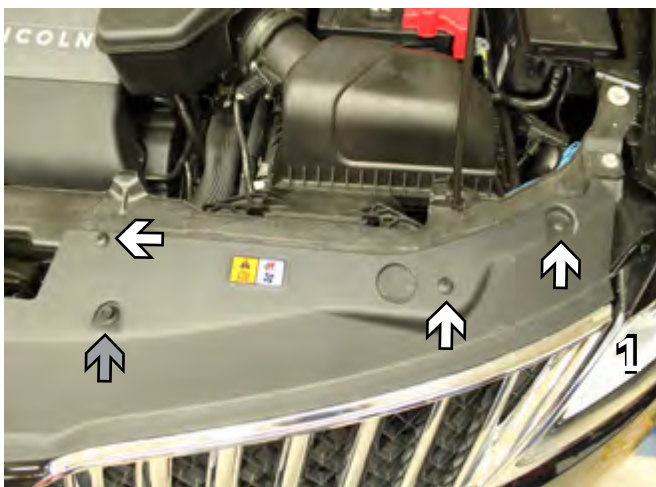
The BX8848 4-Diode Wiring Kit is recommended for this vehicle.

Use a 12 Volt D. C. continuity lamp tester to insure the BX8848 will function properly.

Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.

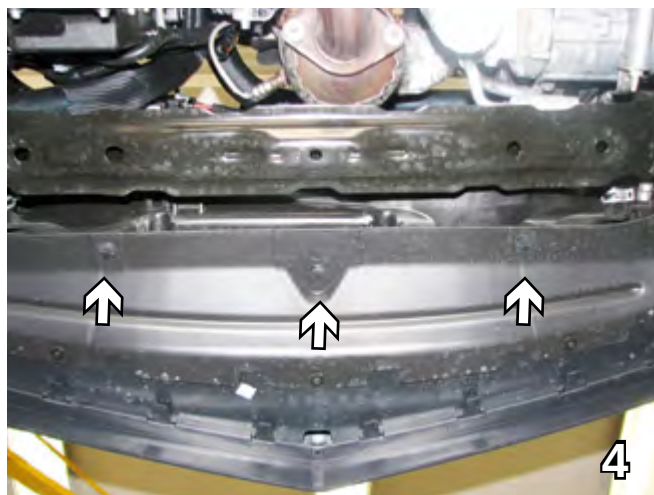
Do not use the towed vehicle for storing luggage, equipment, etc. This may cause you to exceed the towing capacity of the tow bar, baseplate, and its accessories.

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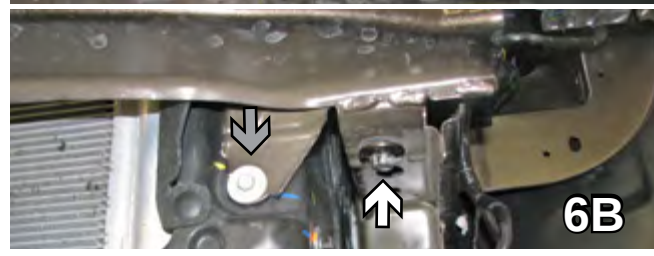
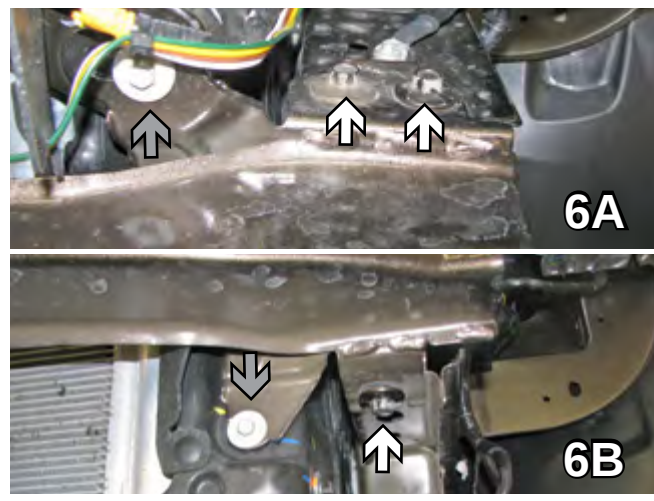


1. Using a Phillips screwdriver, remove three plastic Phillips push pins (see white arrows) and then using a 10MM socket, remove one metric bolt (see grey arrow) from the flat plastic radiator cover. Do this to both sides of the vehicle. Set bolts and push pins aside to be reinstalled later.
2. Using a 5.5MM socket, remove three metric bolts just forward of the front tire on the wheel well. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.

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3. Using a 5.5MM socket, remove two metric bolts from underneath the front edge of fascia. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.
4. Then using a flat screwdriver, remove three push pins that are located in the center of vehicle on the belly pan. Set bolts and push pins aside to be reinstalled later. After all the bolts and push pins are removed, the corner of fascia is then pulled out to the side and forward to remove. Set fascia aside carefully to be reinstalled later.

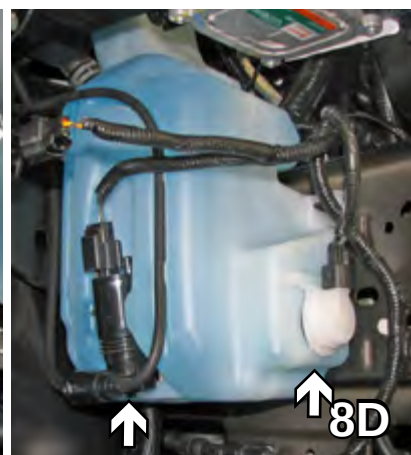
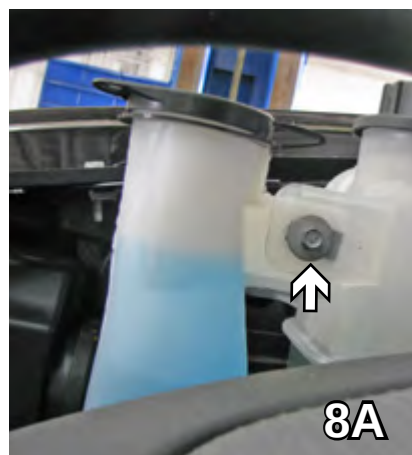


5. If vehicle is equipped with Speed Control, on the driver's side only, using an 8mm socket remove two metric bolts from the front of the cruise control box and one on the back side. Set bolts aside to be reinstalled later.
6. Using a 13MM socket, remove two metric bolts from the top of the metal bumper and one metric bolt from the bottom (white arrows). Then using a 10MM socket, remove one metric bolt from the top and bottom of the bumper (gray arrows). Do this to both sides of the vehicle.

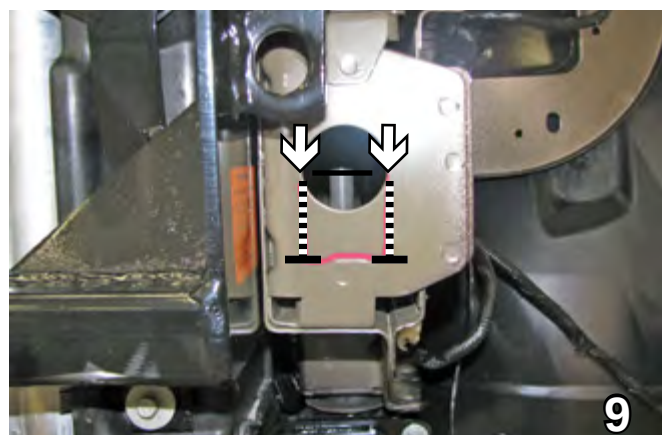
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7. If vehicle is equipped with Speed Control, on the passenger side front of the vehicle, using a 10MM socket remove two metric bolts (7A) from the lower coolant line. Then using a 8MM socket, remove one metric bolt (7B) located on the side of the vehicle for the lower coolant line which can then be swung out of the way. Set bolts aside to be reinstalled later.



8. On the passenger's side remove the washer reservoir, using an 8MM socket remove the bolt on the top (8A). With the 10MM socket remove the two metric bolts one on each side (8B and 8C). Unplug the hoses and electrical lines and plug the hoses (8D). Set water reservoir and bolts aside to be reinstalled later.

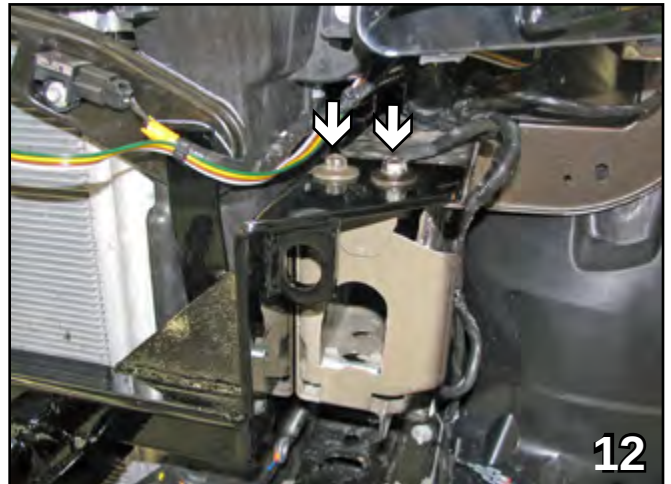


When using power drills be aware of the dangers of torque and drill bit length.

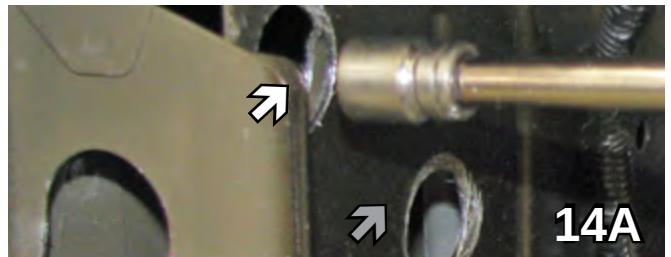
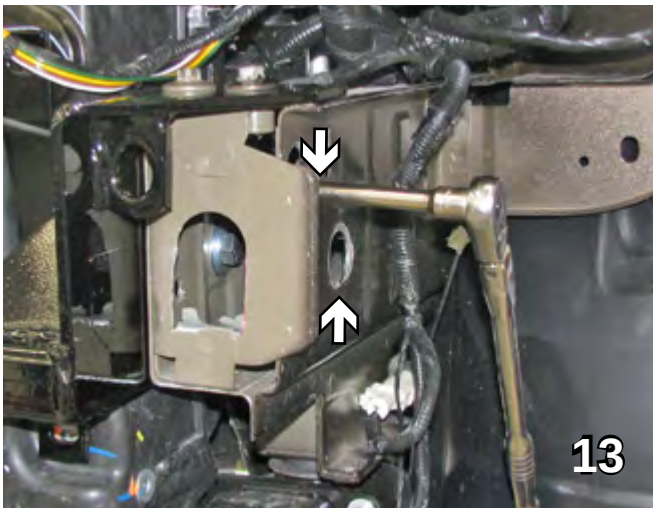


9. Using a reciprocating saw, make the two vertical cuts and bend the cut area into the frame end and as far down as possible. Do this to both sides of the vehicle.
10. Using a reciprocating saw, cut off the tabs that the lower coolant line was attached to. Be careful not to cut into radiator.

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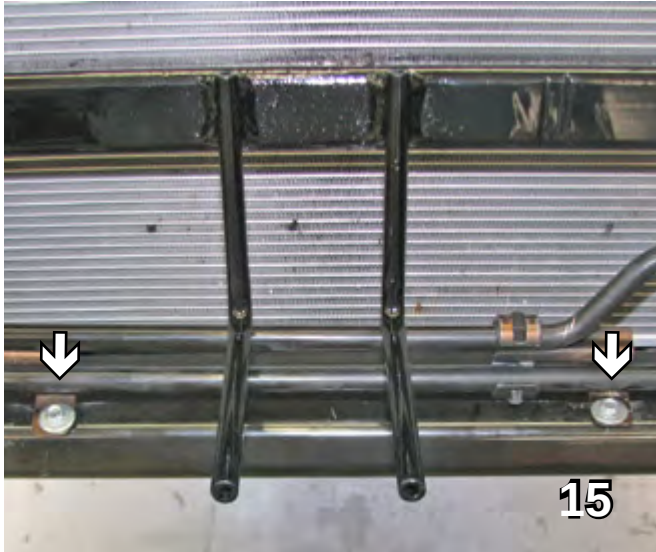
11. Using a 1 1/4" hole saw, drill two 1 1/4" holes into the frame, utilizing the two existing holes in the side of the frame so an extension can be used to tighten up bolts. Do this to both sides of the vehicle.
12. Place baseplate on top of frame and line up the holes in the baseplate with the two existing holes on top of the frame. Insert with Loctite the two existing 13MM bolts which were removed in step 6, to hold the baseplate into place with the 13MM socket. Do this to both sides of the vehicle.



13. Align lower base plate holes to existing holes. They should meet but may need to be reamed out using the 13/32" and 17/32" drill bits. Do this to both sides of the vehicle.
14. Using the baseplate as a template, insert a 3/8-16x1" hex bolt, 3/8" lock washer and 3/8" flat washer into the two outside holes and tighten down with a 3/8" whiz nut w/14" wire (see white arrows). You will then insert a 1/2-13x1" hex bolt, 1/2" lock washer and 1/2" flat washer and tighten down with a 1/2" nut plate (see grey arrow). Do this to both sides of the vehicle.

BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO THE TORQUE CHART ON THE FRONT PAGE OF THESE INSTRUCTIONS OR ON PAGE 3 OF THE BASEPLATE TOWING GENERAL INSTRUCTIONS.

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15. Remove coolant line brackets on the back side and relocate to the front of the coolant line. Using the bracket as a template, with a 1/4" drill bit drill into lower cross member and install 1/4-20 x 3/4" hex bolt and whiz nut on the back side of the cross member. Do this to both sides.
16. Reinstall the bolt located on the side of the vehicle for the lower coolant line.



17. OPTIONAL: Install breakaway bracket and breakaway on the driver's side of the vehicle between the quicklinks and electrical rods. Drill 1/4" hole into the frame located below the radiator. Attach bracket to frame of vehicle with 1/4-20 x 3/4 hex bolt and 1/4-20 hex nyl nut. Attach breakaway to bracket with 1/4-20 x 3/4 hex bolt and 1/4-20 hex flange whiz locking nut.

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17. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate (gray arrow). The photo above shows the recommended installation of the cables to frame of vehicle (white arrow). Additional options may interfere with suggested mounting; in this case secure the cables to a solid piece of the frame as described in the instructions included with the permanent baseplate safety cables. Be sure the safety cables do not rub against any hoses or moving parts. Do this to both sides of the vehicle.

18. Reinstall washer reservoir, cruise control box and fascia to original positions.

Install the tow bar and safety cables according to the instructions provided in their packages. When demonstrating this to the customer, be sure to include all the contents and packages.

Do **NOT** substitute other devices if the tow bar pins and clips are misplaced.

Be sure that ALL electrical connections are plugged in properly and functioning BEFORE installing the fascia.

DEALER or INSTALLER:
Be certain the user receives the instruction sheets for their products.

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Shown with removable tabs installed.



Shown without removable tabs installed.

CUSTOMER SERVICE COMMITMENT

Blue Ox is committed to providing you with exceptional customer care throughout your lifetime with our products. Our team is here to assist you with any questions you may have regarding the performance of your product. Simply call (402) 385-3051 and you can speak with our customer care team.

Additionally, please visit our website to see which rallies our Destination America team will be attending. For a nominal fee, our service technician will service your towing system to ensure it's in proper working condition. Also, as a commitment to our customers, should you visit our factory, you can stay at our full service Blue Ox campground at no charge along with enjoying a factory tour.

Again, thank you for being our customer and for the confidence you have shown in the performance of our products. It is because of customers like you we enjoy the success we have today.

If the baseplate is in an accident, it must be replaced. DO NOT use it again! An accident can cause unseen damage and using it again could result in more damage or serious injury. DO NOT use the baseplate if it is damaged or missing parts.



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